



Innovative Backup Power for Irrigation and Solar Energy Projects



Company



Green World Energy Tech
Co., LTD

Location

Taiwan

Product

XTV121000

Installation Date

2022 - 2023

Application

Hydro and Solar Power

In Taiwan's rapidly growing green energy market, customized energy solutions are essential to meet diverse needs. Since its establishment in 2004, Green World Energy Technology Co., Ltd. has specialized in the development and integration of hydropower, solar, wind, and biogas power systems. To address the energy requirements of the Yilan Irrigation Association, CSB partnered with Green World to provide high-performance, localized energy storage solutions.

In the Yilan project, a 2kW Archimedean screw hydro storage system was installed to provide stable power for landscape lighting along the Annong River diversion weir. CSB's XTV series batteries, designed for extreme temperatures (-20°C to 50°C), feature innovative pure-lead plate structures and advanced lead paste technology, ensuring excellent performance in hot and humid environments. These batteries significantly reduce thermal

CSB's XTV series batteries were also applied to a 5kW 48V solar energy storage system at a private residence in Hsinchu. With high efficiency and a compact design, these batteries have become the ideal choice for residential users, providing a stable power supply while streamlining installation and storage.

Green World Energy shared, "CSB's XTV series batteries have become an indispensable part of our projects due to their superior temperature resilience, reliable performance, and localized technical support. Not only did CSB meet our expectations for high-quality energy storage solutions, but their timely delivery and professional support further strengthened our confidence in this partnership."